

ABSTRACT

A method for enabling secure communication between a client on an open network and a server apparatus on a secure network. The method is generally performed on a intermediary apparatus coupled to the secure network and the open network. The method includes the steps of negotiating a secure communications session with the client apparatus via the open network; negotiating an open communications session with the server via the secure network; receiving encrypted packet application data having a length greater than a packet length via multiple data packets; decrypting the encrypted packet application data in each data packet; forwarding decrypted, unauthenticated application data to the server via the secure network; and authenticating the decrypted packet data on receipt of a final packet of the segment.

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